

**Amendments To The Claims:**

1. (Cancelled)
2. (Currently Amended) The vascular graft of claim 3 further including a radially distensible stent positioned axially about said tubular extrudate PTFE matrix.
3. (Currently Amended) A tubular extrudate vascular graft comprising:  
an implantable tubular extrudate, said tubular extrudate being extruded in the form of a tube, comprising an interpenetrating polymer network comprising a non-expanded PTFE matrix having no node and fibril structure, said matrix having distributed therein discrete domains of a solid extractable polymeric material,

wherein upon exposure to sufficient dissolving medium or degradation temperature, said extractable polymeric material is extracted from said matrix to create pores in said tubular extrudate which upon implantation in a bodily vessel permit tissue ingrowth.

4-20 (Cancelled)

21. (Previously presented) The tubular extrudate vascular graft according to Claim 3, wherein said extractable polymeric material comprises silicone.
22. (Previously presented) The tubular extrudate vascular graft according to Claim 3, wherein said extractable polymeric material is particulate and has a particle size of about 5 to 100 microns.

23. (Cancelled)

24. (Currently Amended) A PTFE extrudate consisting essentially of:  
an interpenetrating polymer network comprising a non-expanded PTFF PTFE resin having no node and fibril structure; and

a solid particulate polymeric component which is incompatible with said non-expanded PTFE resin,

wherein discrete domains of said polymeric component are distributed throughout said non-expanded PTFE resin and are extractable therefrom to create pores in said PTFE resin which upon implantation in a bodily vessel permit tissue ingrowth.

25-26. (Cancelled)

27. (Previously presented) The PTFE extrudate according to Claim 24, wherein said solid extractable polymeric component comprises silicone.

28. (New) The PTFE extrudate of claim 24 wherein said solid particulate polymeric component is cross-linked.
29. (New) The tubular extrudate of claim 3 wherein said solid extractable polymeric material is cross-linked.
30. (New) The tubular extrudate of claim 3 further comprising said dissolving medium.
31. (New) A PTFE based material consisting essentially of:
  - an interpenetrating polymer network comprising a non-expanded PTFF resin having no node and fibril structure;
  - a solid particulate polymeric component which is incompatible with said non-expanded PTFE resin, and
  - a dissolving medium in which said solid particulate polymeric component is soluble,
    - wherein discrete domains of said polymeric component are distributed throughout said non-expanded PTFE resin and are extractable therefrom to create pores in said PTFE resin.